

Applicant's Docket No.: 09010-010003

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Applicant : Dan E. Robertson et al.

Art Unit : 1652

Serial No. : 09/903,410

Examiner : Unknown

Filed : July 10, 2001

Title : ENZYMES HAVING ESTERASE ACTIVITY AND METHODS OF USE
THEREOF

U.S. Patent and Trademark Office
Arlington, VA 22202

#9

DECLARATION UNDER 37 CFR §1.48

We, Dan E. Robertson, Dennis Murphy, John Reid, Anthony M. Maffia, Steven Link,
Ronald Swanson, Patrick V. Warren, Anna Lenox (formerly Kosmatka), declare:

1. We are inventors named on the above-identified patent application.
2. Through error, without any deceptive intention on our part, the application for the
above-identified patent was filed without naming Jay Short and Eric Mathur as co-inventors.

We hereby declare that all statements made herein of our own knowledge are true and
that all statements made on information and belief are believed to be true and further that these
statements are made with the knowledge that willful false statements and the like so made are
punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States

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CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being
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Date of Deposit

Signature

Typed or Printed Name of Person Signing Certificate

8/22/02

Jeanne Aron Rice

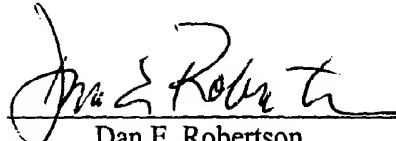
Jeanne Aron-Rice

Applicant : Dan E. Robertson
Serial No. : 09/903,410
Filed : July 10, 2001
Page : 2

A y's Docket No.: 09010-010003

Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 7-3-02


Dan E. Robertson

Date: _____

Dennis Murphy

Date: _____

John Reid

Date: _____

Anthony M. Maffia

Date: _____

Steven Link

Date: _____

Ronald Swanson

Date: _____

Patrick V. Warren

Date: _____

Anna Lenox (formerly Kosmatka)

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Serial No. : 09/903,410
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Page : 2

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Date: 7/15/02

Date: _____

Date: _____

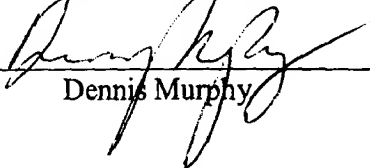
Date: _____

Date: _____

Date: _____

Date: _____

Dan E. Robertson


Dennis Murphy

John Reid

Anthony M. Maffia

Steven Link

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Anna Lenox (formerly Kosmatka)

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Serial No. : 09/903,410
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Date: _____

Dan E. Robertson

Date: _____

Dennis Murphy

Date: July 9, 2002

John Reid
John Reid

Date: _____

Anthony M. Maffia

Date: _____

Steven Link

Date: _____

Ronald Swanson

Date: _____

Patrick V. Warren

Date: _____

Anna Lenox (formerly Kosmatka)

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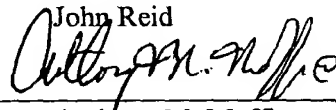
Dan E. Robertson

Date: _____

Dennis Murphy

Date: _____

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John Reid

Anthony M. Maffia

Date: _____

Steven Link

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Date: _____

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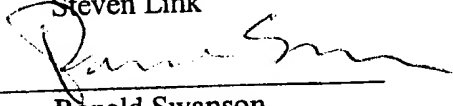
Date: _____

Anthony M. Maffia

Date: _____

Steven Link

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Ronald Swanson

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Steven Link

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Patrick V. Warren

Date: 8/20/02

Anna Lenox
Anna Lenox (formerly Kosmatka)



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Title : ENZYMES HAVING ESTERASE ACTIVITY AND METHODS OF USE
THEREOF

U.S. Patent and Trademark Office
Arlington, VA 22202

DECLARATION UNDER 37 CFR §1.48

We, Jay Short and Eric Mathur, declare:

1. We are co-inventors of the invention claimed in the above-identified patent application.
2. Through error, without any deceptive intention on our part, the application for the above-identified patent was filed without naming us as co-inventors in addition to the named inventors Dan E. Robertson, Dennis Murphy, John Reid, Anthony M. Maffia, Steven Link, Ronald Swanson, Patrick V. Warren, Anna Lennox (formerly Kosmatka).

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8/22/02

Jeanne Ann Rice


Jeanne Ann Rice

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We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: July 10, 2002



Jay Short

Date: _____

Eric Mathur

Applicant : Dan E. Roberts et al.
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Page : 2

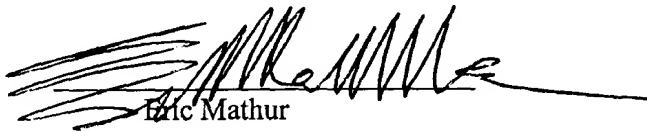
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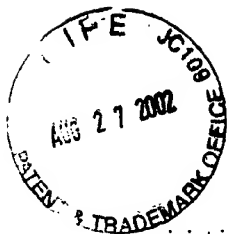
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Date: _____

Jay Short

Date: Mon, July 8, 2002


Eric Mathur



COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled ENZYMES HAVING ESTERASE ACTIVITY AND METHODS OF USE THEREOF, the specification of which:

- ☐ is attached hereto.
- ☒ was filed on July 10, 2001 as Application Serial No. 09/903,410 and was amended on _____.
- ☐ was described and claimed in PCT International Application No. _____ filed on _____ and as amended under PCT Article 19 on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information I know to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. Serial No.	Filing Date	Status
09/382,242	08/24/99	Pending
08/602,359	02/16/96	Issued

I hereby appoint the Practitioners at Customer Number 20985 to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Direct all correspondence and all telephone calls to Customer Number :
 Gregory P. Einhorn
 Fish & Richardson P.C.
 4350 La Jolla Village Drive, Suite 500
 San Diego, California 92122



20985

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

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Combined Declaration and Power of Attorney

Page 2 of 3 Pages

Full Name of Inventor: **RAN E. ROBERTSON**

Inventor's Signature: 

Date: 7-3-02

Residence Address: **Solana Beach, California**

Citizenship: **USA**

Post Office Address: **818 Viva Court, Solana Beach, California 92075**

Full Name of Inventor: **DENNIS MURPHY**

Inventor's Signature: _____

Date: _____

Residence Address: **Malvern, Pennsylvania**

Citizenship: **USA**

Post Office Address: **1320 Eaves Spring Road, Malvern, Pennsylvania 19355**

Full Name of Inventor: **JOHN REID**

Inventor's Signature: _____

Date: _____

Residence Address: **Ardmore, Pennsylvania**

Citizenship: **USA**

Post Office Address: **44 Saint Paul's Road, Ardmore, Pennsylvania 19003**

Full Name of Inventor: **ANTHONY M. MAFFIA**

Inventor's Signature: _____

Date: _____

Residence Address: **Old Bridge, New Jersey**

Citizenship: **USA**

Post Office Address: **6-A Old Matawan Road, Old Bridge, New Jersey 08857**

Full Name of Inventor: **STEVEN LINK**

Inventor's Signature: _____

Date: _____

Residence Address: **Wilmington, Delaware**

Citizenship: **USA**

Post Office Address: **108 Gibson Avenue, Wilmington, Delaware**

Full Name of Inventor: **RONALD V. SWANSON**

Inventor's Signature: _____

Date: _____

Residence Address: **Del Mar, CA**

Citizenship: **USA**

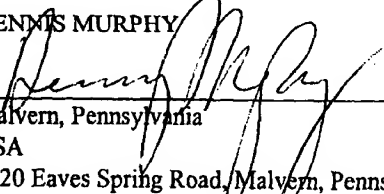
Post Office Address: **13304 Barbados Way, Del Mar, California 92014**

Combined Declaration and Power of Attorney

Page 2 of 3 Pages

Full Name of Inventor: DAN E. ROBERTSON

Inventor's Signature: _____ Date: _____
Residence Address: Solana Beach, California
Citizenship: USA
Post Office Address: 818 Viva Court, Solana Beach, California 92075

Full Name of Inventor: DENNIS MURPHY
Inventor's Signature:  Date: 7/15/02
Residence Address: Malvern, Pennsylvania
Citizenship: USA
Post Office Address: 1320 Eaves Spring Road, Malvern, Pennsylvania 19355

Full Name of Inventor: JOHN REID
Inventor's Signature: _____ Date: _____
Residence Address: Ardmore, Pennsylvania
Citizenship: USA
Post Office Address: 44 Saint Paul's Road, Ardmore, Pennsylvania 19003

Full Name of Inventor: ANTHONY M. MAFFIA
Inventor's Signature: _____ Date: _____
Residence Address: Old Bridge, New Jersey
Citizenship: USA
Post Office Address: 6-A Old Matawan Road, Old Bridge, New Jersey 08857

Full Name of Inventor: STEVEN LINK
Inventor's Signature: _____ Date: _____
Residence Address: Wilmington, Delaware
Citizenship: USA
Post Office Address: 108 Gibson Avenue, Wilmington, Delaware

Full Name of Inventor: RONALD V. SWANSON
Inventor's Signature: _____ Date: _____
Residence Address: Del Mar, CA
Citizenship: USA
Post Office Address: 13304 Barbados Way, Del Mar, California 92014

Combined Declaration and Power of Attorney

Page 2 of 3 Pages

Full Name of Inventor: DAN E. ROBERTSON

Inventor's Signature: _____ Date: _____
Residence Address: Solana Beach, California
Citizenship: USA
Post Office Address: 818 Viva Court, Solana Beach, California 92075

Full Name of Inventor: DENNIS MURPHY

Inventor's Signature: _____ Date: _____
Residence Address: Malvern, Pennsylvania
Citizenship: USA
Post Office Address: 1320 Eaves Spring Road, Malvern, Pennsylvania 19355

Full Name of Inventor: JOHN REID

Inventor's Signature: John Reid Date: July 9, 2002
Residence Address: Ardmore, Pennsylvania
Citizenship: USA
Post Office Address: 44 Saint Paul's Road, Ardmore, Pennsylvania 19003

Full Name of Inventor: ANTHONY M. MAFFIA

Inventor's Signature: _____ Date: _____
Residence Address: Old Bridge, New Jersey
Citizenship: USA
Post Office Address: 6-A Old Matawan Road, Old Bridge, New Jersey 08857

Full Name of Inventor: STEVEN LINK

Inventor's Signature: _____ Date: _____
Residence Address: Wilmington, Delaware
Citizenship: USA
Post Office Address: 108 Gibson Avenue, Wilmington, Delaware

Full Name of Inventor: RONALD V. SWANSON

Inventor's Signature: _____ Date: _____
Residence Address: Del Mar, CA
Citizenship: USA
Post Office Address: 13304 Barbados Way, Del Mar, California 92014

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Full Name of Inventor: DAN E. ROBERTSON

Inventor's Signature: _____ Date: _____
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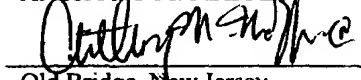
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Inventor's Signature: SL 8/15/02 Date: 8/15/02
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Citizenship: USA
Post Office Address: 108 Gibson Avenue, Wilmington, Delaware

Full Name of Inventor: RONALD V. SWANSON

Inventor's Signature: _____ Date: _____
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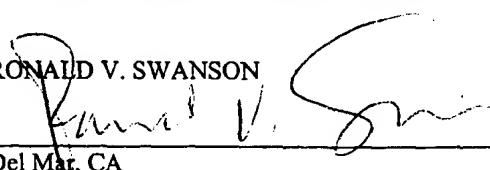
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Post Office Address: 13304 Barbados Way, Del Mar, California 92014

Combined Declaration and Power of Attorney

Page 3 of 3 Pages

Full Name of Inventor: PATRICK V. WARREN

Inventor's Signature:

Patrick V. Warren

Date:

July 9, 2002

Residence Address:

Coatesville, Pennsylvania

Citizenship:

USA

Post Office Address:

117 Brandywine Drive, Coatesville, Pennsylvania 19320

Full Name of Inventor: ANNA LENOX

Inventor's Signature:

Date:

Residence Address:

Chalfont, Pennsylvania

Citizenship:

USA

Post Office Address:

68 Hellberg Avenue, Chalfont, Pennsylvania 18914

Full Name of Inventor: JAY M. SHORT

Inventor's Signature:

Date:

Residence Address:

Rancho Santa Fe, CA

Citizenship:

USA

Post Office Address:

6801 Paseo Delicias, Box 7214, Rancho Santa Fe, CA 92067-7214

Full Name of Inventor: ERIC J. MATHUR

Inventor's Signature:

Date:

Residence Address:

Carlsbad, California

Citizenship:

USA

Post Office Address:

2654 Galicia Way, Carlsbad, CA 92009

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Page 3 of 3 Pages

Full Name of Inventor: PATRICK V. WARREN

Inventor's Signature: _____ Date: _____
Residence Address: Coatesville, Pennsylvania
Citizenship: USA
Post Office Address: 117 Brandywine Drive, Coatesville, Pennsylvania 19320

Full Name of Inventor: ANNA LENOX

Inventor's Signature: Anna Lenox Date: 8/20/02
Residence Address: ~~Chalfont, Pennsylvania~~ Perkiomenville, Pennsylvania 8/20/02
Citizenship: USA
Post Office Address: ~~68 Hellberg Avenue, Chalfont, Pennsylvania 18914~~
940 Henning Rd, Perkiomenville, Pennsylvania 18074 8/20/02

Full Name of Inventor: JAY M. SHORT

Inventor's Signature: _____ Date: _____
Residence Address: Rancho Santa Fe, CA
Citizenship: USA
Post Office Address: 6801 Paseo Delicias, Box 7214, Rancho Santa Fe, CA 92067-7214

Full Name of Inventor: ERIC J. MATHUR

Inventor's Signature: _____ Date: _____
Residence Address: Carlsbad, California
Citizenship: USA
Post Office Address: 2654 Galicia Way, Carlsbad, CA 92009

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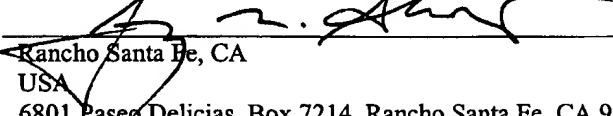
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 Residence Address: Chalfont, Pennsylvania
 Citizenship: USA
 Post Office Address: 68 Hellberg Avenue, Chalfont, Pennsylvania 18914

Full Name of Inventor: JAY M. SHORT

Inventor's Signature:  Date: July 10, 02
 Residence Address: ~~Rancho Santa Fe~~, CA
 Citizenship: USA
 Post Office Address: 6801 Paseo Delicias, Box 7214, Rancho Santa Fe, CA 92067-7214

Full Name of Inventor: ERIC J. MATHUR

Inventor's Signature: _____ Date: _____
 Residence Address: Carlsbad, California
 Citizenship: USA
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 Citizenship: USA
 Post Office Address: 6801 Paseo Delicias, Box 7214, Rancho Santa Fe, CA 92067-7214

Full Name of Inventor: ERIC J. MATHUR

Inventor's Signature:  Date: MON, July 2, 2012
 Residence Address: Carlsbad, California
 Citizenship: USA
 Post Office Address: 2654 Galicia Way, Carlsbad, CA 92009



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THE UNITED STATES PATENT AND TRADEMARK OFFICE
Applicant : Dan E. Robertson et al. Art Unit : 1652
Serial No. : 09/903,410 Examiner : Unknown
Filed : July 10, 2001
Title : ENZYMES HAVING ESTERASE ACTIVITY AND METHODS OF USE
THEREOF

U.S. Patent and Trademark Office
Arlington, VA 22202

CERTIFICATE UNDER 37 CFR §3.73(b)

Under 37 CFR §3.73(b) DIVERSA CORPORATION, a Delaware corporation, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of:

☒ An assignment from the inventors of the patent application identified above. A copy of the assignment as filed with the U.S. Patent and Trademark Office is enclosed.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned, whose title is supplied below, is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States

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CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202.

8/22/02
Date of Deposit

Signature

Typed or Printed Name of Person Signing Certificate

Applicant : Dan E. Robertson et al.
Serial No. : 09/903,410
Filed : July 10, 2001
Page : 2

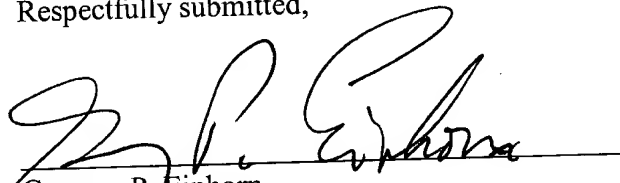
Attorney's Docket No.: 09010-010003

Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Respectfully submitted,

Date: _____

Aug. 22, 2002



Gregory P. Einhorn
Reg. No. 38,440

Fish & Richardson P.C.
4350 La Jolla Village Drive, Suite 500
San Diego, California 92122
Telephone: (858) 678-5070
Facsimile: (858) 678-5099



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TECH CENTER 1600/2900

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Dan E. Robertson et al.
Serial No. : 09/903,410
Filed : July 10, 2001
Title : ENZYMES HAVING ESTERASE ACTIVITY AND METHODS OF USE
THEREOF

Art Unit : 1652
Examiner : Unknown

U.S. Patent and Trademark Office
Arlington, VA 22202

CONSENT OF ASSIGNEE UNDER 37 CFR § 1.48

I am an officer of DIVERSA CORPORATION, to which the above-identified patent has been assigned. The assignments of Dan E. Robertson, Dennis Murphy, John Reid, Anthony M. Maffia, Steven Link, Ronald V. Swanson, Patrick V. Warren, Anna Lenox (formerly Kosmotka) accompany the present declaration. I hereby consent to the correction of inventorship to add Jay Short and Eric Mathur as inventors on the above-identified patent, so that Jay Short and Eric Mathur are named as joint inventors in addition to Dan E. Robertson, Dennis Murphy, John Reid, Anthony M. Maffia, Steven Link, Ronald V. Swanson, Patrick V. Warren, Anna Lenox (formerly Kosmotka).

Date: August 20, 2002

Carolyn Erickson
Carolyn Erickson
Vice President, Intellectual Property

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CERTIFICATE OF MAILING BY FIRST CLASS MAIL

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Date of Deposit

8/22/02

Signature

Jeanne Brown Rice
Jeanne Brown-Rice

Typed or Printed Name of Person Signing Certificate

ASSIGNMENT

For valuable consideration, we, DAN E. ROBERTSON of Solana Beach, DENNIS MURPHY of Malvern, Pennsylvania, JOHN REID of Ardmore, Pennsylvania, ANTHONY M. MAFFIA of Old Bridge, New Jersey, STEVEN LINK of Wilmington, Delaware, RONALD V. SWANSON of Del Mar, California, PATRICK V. WARREN of Philadelphia, Pennsylvania, ANNA LENOX of Chalfont, Pennsylvania, JAY M. SHORT of Rancho Santa Fe, California, ERIC J. MATHUR of Carlsbad, California, hereby assign to:

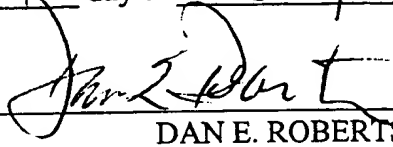
Diversa Corporation, a Delaware corporation having a place of business at:

4955 Directors Place
San Diego, CA 92121-1609; and

its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled ENZYMES HAVING ESTERASE ACTIVITY AND METHODS OF USE THEREOF, filed July 10, 2001, and assigned U.S. Serial Number 09/903,410, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of future related applications when known and to insert on this Assignment any further identification, including any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document; and we authorize and request the attorneys appointed in said application to hereafter insert the filing dates and serial numbers of related continuations, divisionals, CIPs, reissues, re-examinations, and international applications when known; this assignment including the applications cited herein and any and all related United States patent applications, including divisionals, reissues, re-examinations, continuations, continuations-in-part (CIPs), any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors'

certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives, successors and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at San Diego,
this 3rd day of July, 2002

 L.S.
DAN E. ROBERTSON

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 2002

DENNIS MURPHY L.S.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 2002

JOHN REID L.S.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 2002

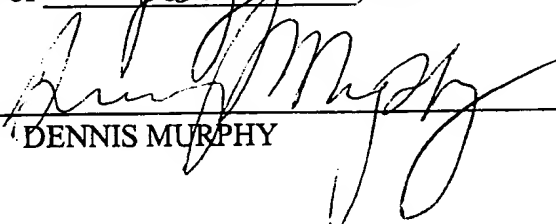
ANTHONY M. MAFFIA L.S.

certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives, successors and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 2002

DAN E. ROBERTSON L.S.

IN WITNESS WHEREOF, I hereto set my hand and seal at Malvern PA,
this 15 day of July, 2002

 L.S.
DENNIS MURPHY

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 2002

JOHN REID L.S.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 2002

ANTHONY M. MAFFIA L.S.

certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives, successors and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 2002

DAN E. ROBERTSON L.S.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 2002

DENNIS MURPHY L.S.

IN WITNESS WHEREOF, I hereto set my hand and seal at Ardmore, PA,
this 9th day of July, 2002

John Reid
JOHN REID L.S.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 2002

ANTHONY M. MAFFIA L.S.

certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives, successors and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 2002

DAN E. ROBERTSON L.S.

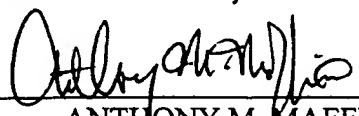
IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 2002

DENNIS MURPHY L.S.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 2002

JOHN REID L.S.

IN WITNESS WHEREOF, I hereto set my hand and seal at Old Bridge, NJ,
this 14th day of August, 2002



ANTHONY M. MAFFIA L.S.

IN WITNESS WHEREOF, I hereto set my hand and seal at Wilmington, DE,
this 16th day of August, 2002
SL L.S.
STEVEN LINK

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 2002

RONALD V. SWANSON L.S.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 2002

PATRICK V. WARREN L.S.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 2002

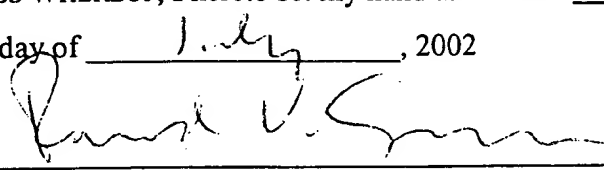
ANNA LENOX L.S.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 2002

JAY M. SHORT L.S.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 20____

STEVEN LINK L.S.

IN WITNESS WHEREOF, I hereto set my hand and seal at San Diego,
this 5 day of July, 2002


RONALD V. SWANSON L.S.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 2002

PATRICK V. WARREN L.S.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 2002

ANNA LENOX L.S.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 2002

JAY M. SHORT L.S.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 20____

STEVEN LINK L.S.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 2002

RONALD V. SWANSON L.S.

IN WITNESS WHEREOF, I hereto set my hand and seal at Coatesville, PA,
this 9th day of July, 2002
Patrick V. Warren
PATRICK V. WARREN L.S.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 2002

ANNA LENOX L.S.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 2002

JAY M. SHORT L.S.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 20____

STEVEN LINK
L.S.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 2002

RONALD V. SWANSON
L.S.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 2002

PATRICK V. WARREN
L.S.

IN WITNESS WHEREOF, I hereto set my hand and seal at Perkiomenville, PA
this 20th day of August, 2002
Anna Lenox
ANNA LENOX
L.S.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 2002

JAY M. SHORT
L.S.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 20____

STEVEN LINK L.S.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 2002

RONALD V. SWANSON L.S.

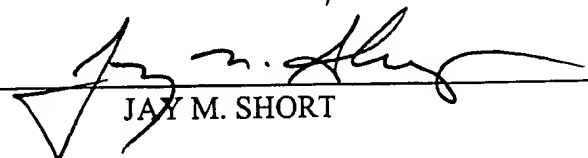
IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 2002

PATRICK V. WARREN L.S.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 2002

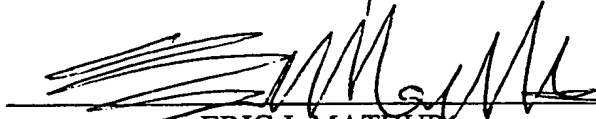
ANNA LENOX L.S.

IN WITNESS WHEREOF, I hereto set my hand and seal at San Diego,
this 10th day of July, 2002



JAY M. SHORT L.S.

IN WITNESS WHEREOF, I hereto set my hand and seal at San Diego,
this 8th day of July, 2002


ERIC J. MATHUR MON, JUL 8, 2002 L.S.

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